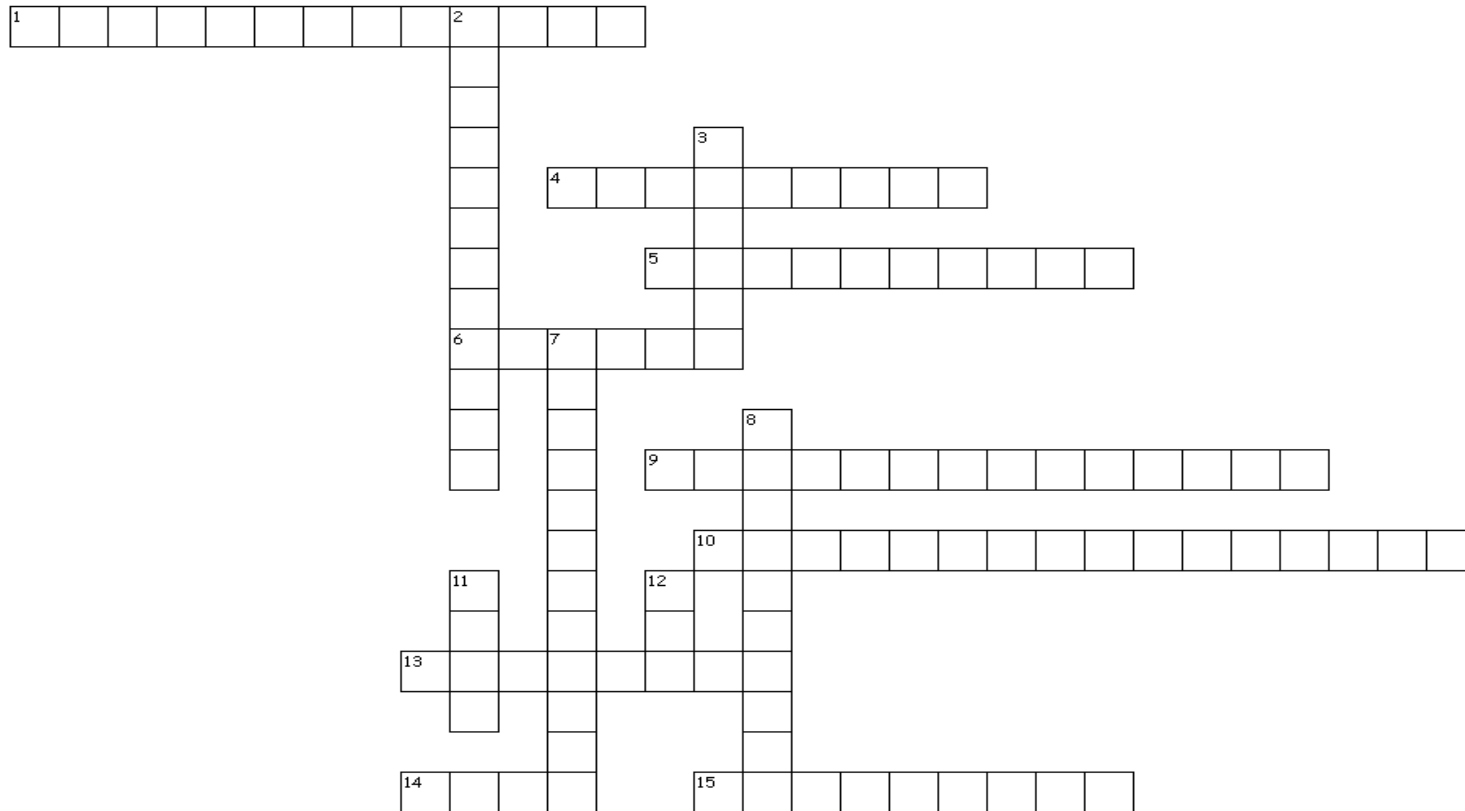


Name \_\_\_\_\_ # \_\_\_\_\_

Date \_\_\_\_\_ Pd. \_\_\_\_\_

### Ch. 16 Vocabulary and Concepts Crossword



**Across**

1. when two hydrogen atoms combine to make a helium atom, neutron and energy
4. a star explosion that happens to a supergiant star
5. the actual total amount of light that a star gives off
6. the outermost layer of the sun that is present during an eclipse
9. the type of star Sirius B is
10. the type of star our Sun is
13. cool, dark spots on the Sun where the surrounding area is hot
14. an enormous hot sphere of gas held together by gravity
15. a graph that shows types of stars based on luminosity and temperature

**Down**

2. the method of studying an object in space by examining the visible light it shows and its electromagnetic waves
3. a huge cloud of gases and dust that become a star
7. the type of star Betelgeuse is
8. two stars that orbit each other because they are gravitationally bound to each other
11. the color of wavelengths that are shorter, but have higher energy
12. equal to 18,920 billion kilometers